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ABSTRACT

Teachers and students are continuously searching for fun and easy ways to help students organize and enhance their thoughts. This document uses interactive comics to describe the process of mind mapping to aid learners in developing new and creative ideas. The document also includes a brief overview of the functions of the brain's right and left hemispheres. (ZWH)

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INTERACTIVE COMICS • VOLUME ONE •

Map It!
Nancy Margulies
Grades: All ages

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Written and illustrated by Nancy Margulies
Cover photograph of Mariah Howard by Tom Margulies

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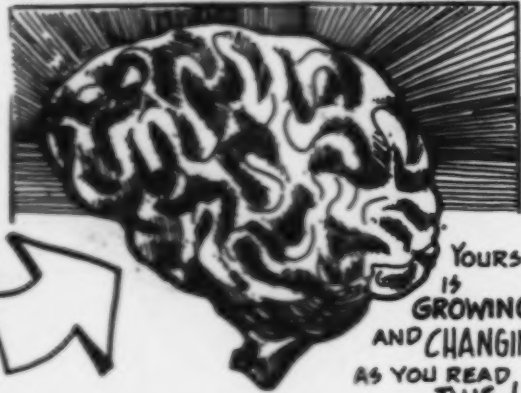


SPECIAL THANKS TO MICHAEL TAYLOR FOR
THE STEADY STREAM OF GREAT IDEAS!

MIND MAPPING WAS DEVELOPED BY THE BRITISH AUTHOR TONY BUZAN. HE STUDIED ONE OF THE MOST INTERESTING TOPICS IN THE UNIVERSE:

the **AMAZING**

**HUMAN
BRAIN**



Yours
is
GROWING
AND CHANGING
AS YOU READ
THIS!

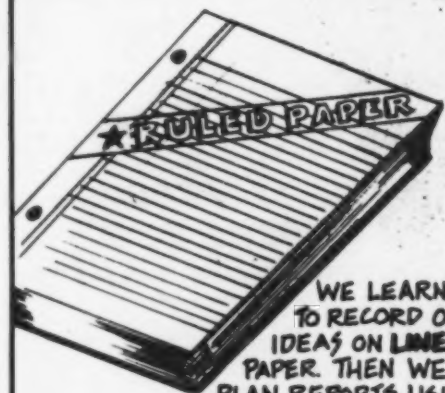
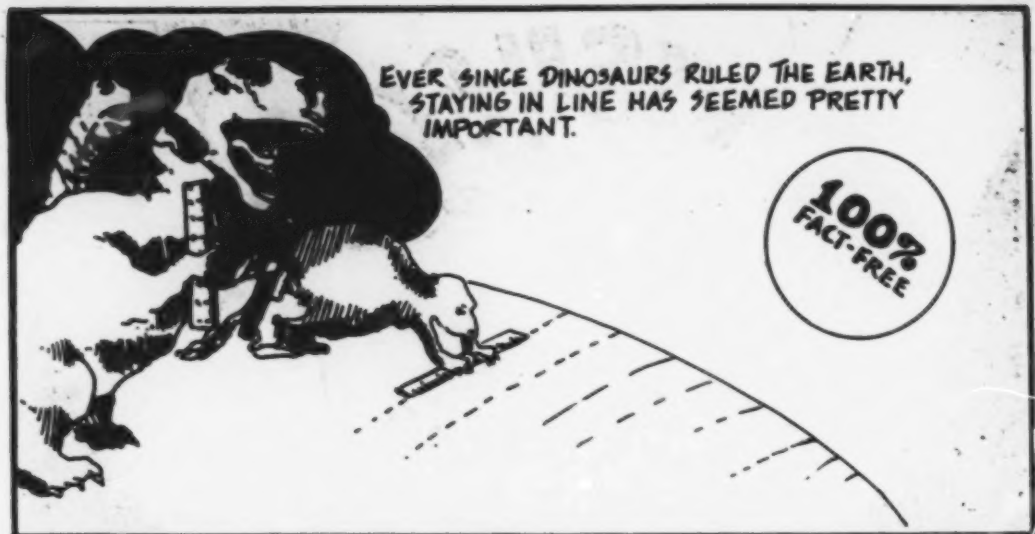


THERE IS A LOT WE DON'T KNOW ABOUT THE BRAIN.

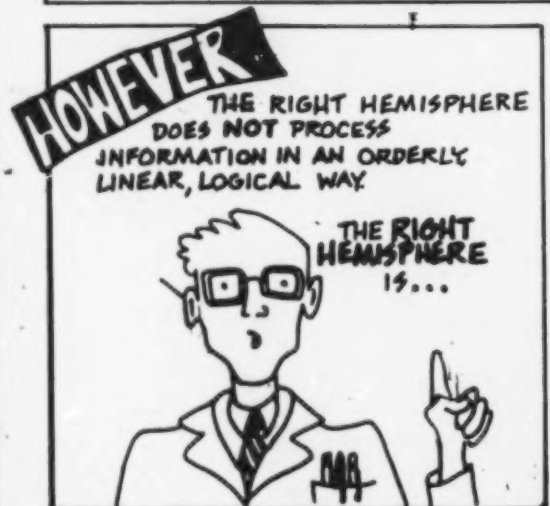
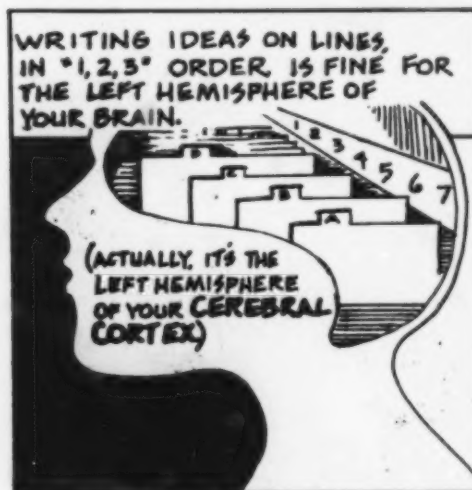
WE DO KNOW THAT EVERY BRAIN HAS TWO DIFFERENT WAYS OF TAKING IN AND PROCESSING INFORMATION.

ONE WAY

IS A LOGICAL WAY,
THAT'S BEEN AROUND
FOR A LONG TIME...



WE LEARN TO RECORD OUR IDEAS ON LINED PAPER. THEN WE PLAN REPORTS USING OUTLINES.





THE RIGHT HEMISPHERE
RESPONDS TO COLOR,
PICTURES AND EMOTIONS.
IT LOOKS FOR PATTERNS
AND IS INTERESTED IN THE
BIG PICTURE.

THE LEFT HEMISPHERE OF YOUR BRAIN IS QUITE HAPPY WITH WORDS IN SENTENCES LINED UP NEATLY ON A PAGE. IT LIKES THE ORDER OF AN OUTLINE, TOO.



HOWEVER, WHEN YOU WANT TO COME UP WITH

**NEW,
CREATIVE
IDEAS**

AND LOOK AT HOW IDEAS CONNECT WITH EACH OTHER, YOU NEED TO USE

**COLOR,
PICTURES &
SYMBOLS**

AND THAT'S WHERE
**MIND
MAPPING**
COMES IN!

THIS IS A drawing of a cross-section of the human brain, made by slicing the brain "from ear to ear."

DO NOT TRY THIS AT HOME.

MIND MAPS ARE MADE ON UNLINED PAPER, USING COLOR, SYMBOLS, PICTURES AND KEY WORDS.

SO, WHEN YOU MAKE MIND MAPS YOU WILL BE USING YOUR **WHOLE BRAIN!**



darn.



STOP!

DON'T READ ANY FURTHER
UNTIL YOU TAKE THIS

SIMPLE QUIZ...



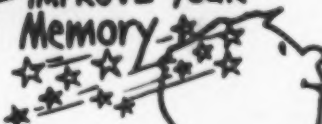
(IT'S THE ONLY
QUIZ IN THIS BOOK.)

? WOULD YOU LIKE TO BE
MORE INTELLIGENT?



☐ YES
☐ NO

? WOULD YOU LIKE TO
IMPROVE YOUR
MEMORY...



☐ YES
☐ NO
☐ UH, WHAT WAS THE QUESTION?

IS IT OK WITH YOU IF STUDYING
BECOMES EASIER AND
MORE FUN?



IF YOU ANSWERED YES ☒
TO ANY OF THE QUESTIONS,
THEN THIS COMIC IS FOR YOU!



IN THIS BOOK YOU WILL LEARN TO
MAKE MAPS...

NOT
STREET
MAPS...

**OR WORLD
MAPS**



BUT

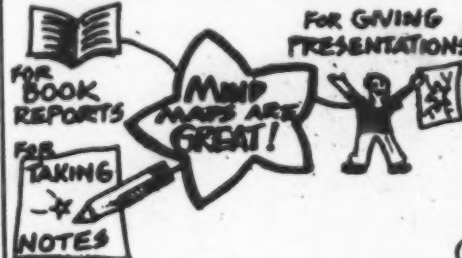


TO RECORD
YOUR



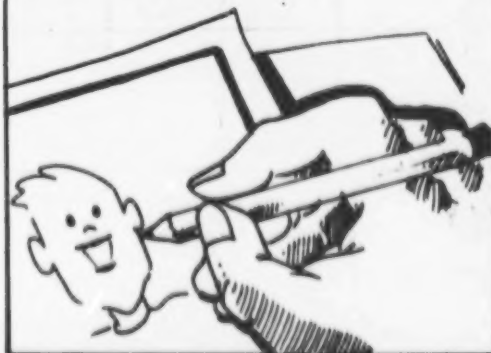
FOR
BOOK
REPORTS
FOR
TAKING
NOTES

FOR GIVING
PRESENTATIONS



3

BEFORE YOU BEGIN SKETCHING
MIND MAPPING, YOU NEED
TO FEEL COMFORTABLE
DRAWING SIMPLE PICTURES
AND CARTOONS...



AT SOME TIME IN
YOUR LIFE YOU
PROBABLY LOVED TO
DRAW.



BUT YOU
MAY
HAVE
DEVELOPED
AN INNER
VOICE THAT
SCREAMED...



YOU CAN'T
DRAW!



THE FACT IS, EVERYONE CAN
LEARN TO DRAW.

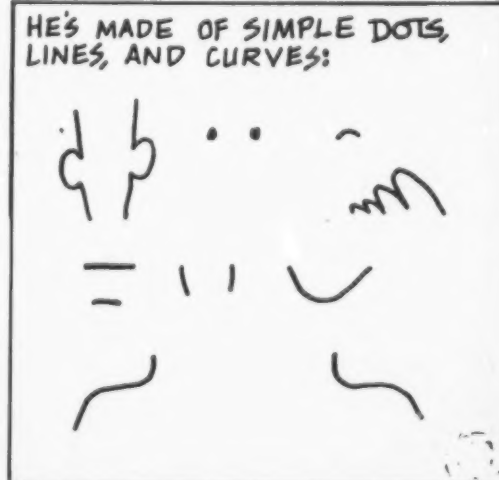


ALL IT TAKES
IS PRACTICE
AND AN OPEN
MIND!



TAKE A GOOD LOOK
AT THIS GUY.

HE'S MADE OF SIMPLE DOTS,
LINES, AND CURVES!



PRACTICE THESE SHAPES BY COPYING EACH ONE IN THE SQUARE BELOW IT.



COPYING IS NECESSARY
WHEN YOU
ARE LEARNING TO DRAW!



LOOK AT HOW
THE SHAPES
ARE ARRANGED.
THEN COPY
THEM HERE



LOOK AT YOUR
FIRST DRAWING.
NOW COPY AGAIN.



ADD HAIR
TO MAKE
A CARTOON
GIRL.



SMALLER
SHOULDERS
MAKE THE
PERSON LOOK
YOUNGER, TOO.

WHEN THE
EYES ARE
LOWER, THE
FACE LOOKS
YOUNGER.



PRACTICE MAKES
PROGRESS

NOW ADD EXPRESSION TO YOUR FACES:



COPY EACH FACE TWO OR THREE TIMES



OF COURSE, DRAWINGS OF FACES CAN BE QUITE SIMPLE,



OR VERY COMPLEX...

AND EVERYTHING
IN BETWEEN



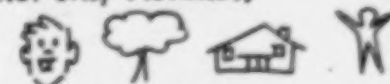
COPY SOME OF THESE FACES, THEN MAKE UP A FEW OF YOUR OWN.

⑨

THIS SPACE RESERVED FOR YOU! ☆



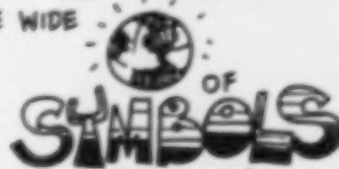
MAPPING IS A METHOD FOR
RECORDING IDEAS THAT USES
NOT ONLY PICTURES,



BUT SYMBOLS, TOO.



SO NOW IT'S  TO
INTO THE WIDE



WHEN YOU USE SYMBOLS ON YOUR
MIND MAPS, IT HELPS YOU TAKE
NOTES **QUICKLY**



YOU CAN DRAW AN
ENVELOPE FASTER THAN YOU
CAN WRITE "LETTER."

YOU WILL DECIDE WHAT A
SYMBOL MEANS FOR YOUR MAP.
A CLOUD COULD BE



WITH PRACTICE, YOU WILL BE
ABLE TO THINK OF SYMBOLS
FOR MANY IDEAS.



PICTURES AND
SYMBOLS MAKE
YOUR NOTES MORE
MEMORABLE





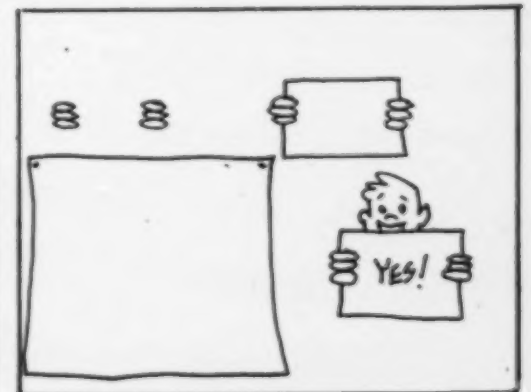
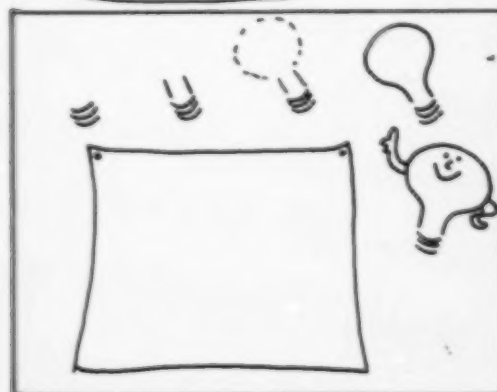
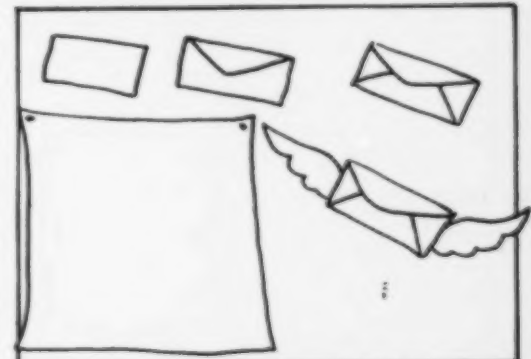
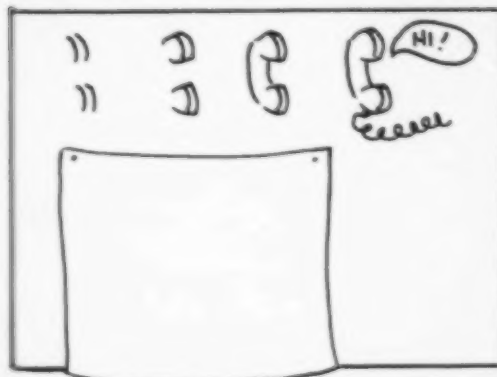
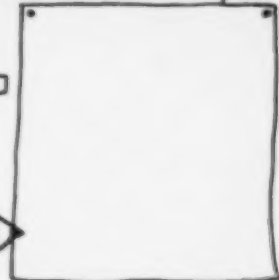
HERE ARE SOME SYMBOLS

THAT YOU CAN DRAW STEP by STEP

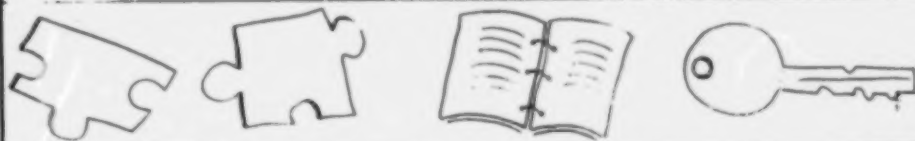


NOTICE THAT THE DRAWING DOESN'T
HAVE TO BE PERFECT.

NOW YOU TRY IT.



TRY COPYING EACH OF THESE USEFUL SYMBOLS:

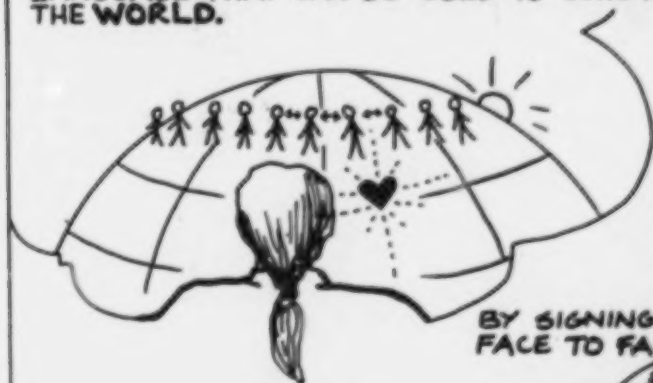


THESE SYMBOLS
MIGHT COME IN
HANDY LATER IN
'15 COMIC...



©

DAVID ORCUTT IS THE INVENTOR OF **SYMBOLVISION**, A NEW LANGUAGE THAT CAN BE USED TO COMMUNICATE THROUGHOUT THE WORLD.

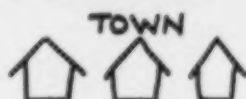
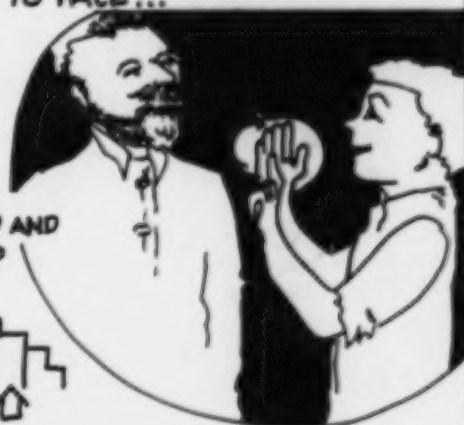


DAVID'S DREAM IS THAT SOMEDAY EVERYONE ON EARTH WILL BE ABLE TO UNDERSTAND EACH OTHER...

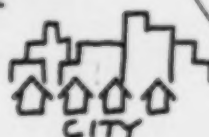
BY SIGNING WHEN THEY ARE FACE FACE TO FACE...

AND USING SYMBOLS TO COMMUNICATE ON PAPER AND COMPUTERS.

MANY OF THE SYMBOLS COLLECTED AND DEVELOPED BY DAVID ORCUTT AND THE WORLD SIGN COMMUNICATION SOCIETY ARE GREAT FOR MIND MAPPING...



TOWN



CITY



LEFT



RIGHT



GROW



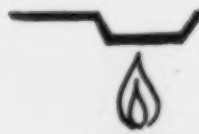
KISS



MONTH



HOT or HEAT



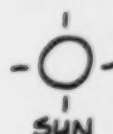
COOK



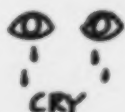
ENERGY



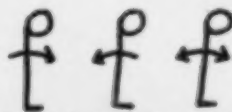
LIFE



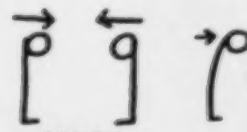
SUN



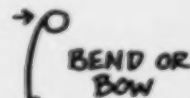
CRY



FUTURE PAST ALWAYS



MEET



BEND OR BOW

SOME OF THESE SYMBOLS LIKE ♀ AND ⚛ ARE "BORROWED" OTHERS ARE BRAND NEW.

More SYMBOLVISION:



COMPRESS



TRANSPARENT



ET CETERA



CEILING



I, ME



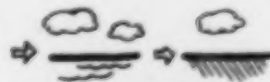
STAND



WEAK



KICK



HORIZON



CLIMB



RESTLESS



UNFOLD



THINK



READ



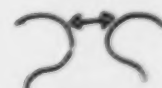
TRAVEL



FIELD



LOVE, ADORE



COMMUNICATE



FRIEND



YEAR



WISE



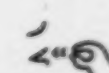
MIND OR MENTAL



ROTTEN



BRAIN



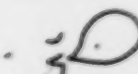
EAT



SHOUT



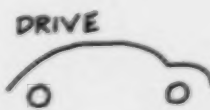
ATTACHED



SPEAK



SING



DRIVE



CAMPING



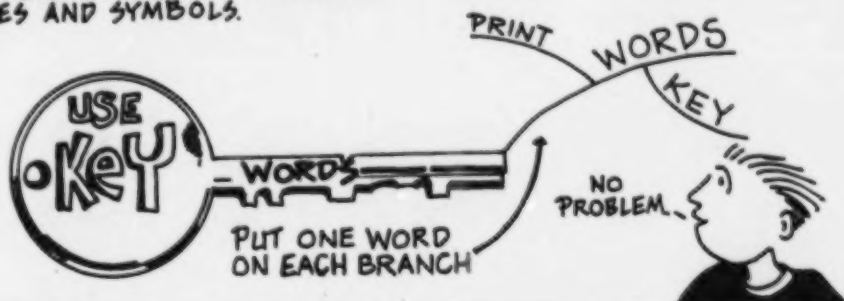
GOOD-BYE



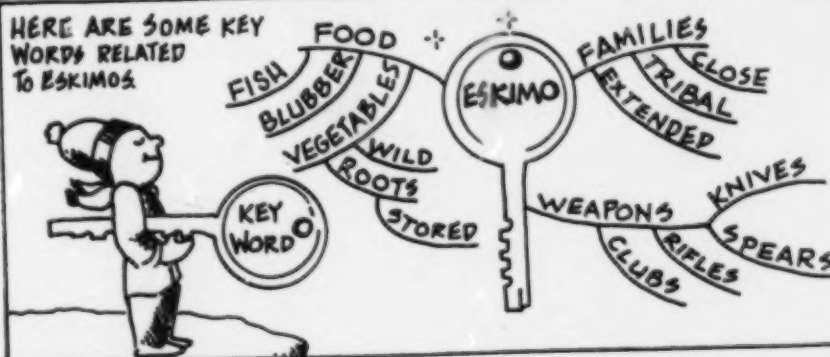
TELEVISION



MAPS USE WORDS AS WELL AS PICTURES AND SYMBOLS.



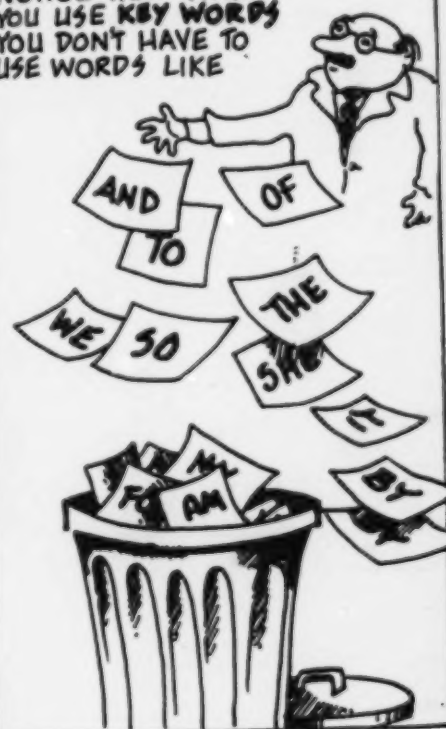
HERE ARE SOME KEY WORDS RELATED TO ESKIMOS



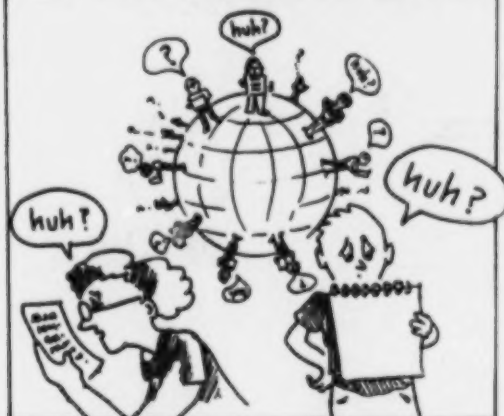
WHEN YOU PRINT ONE WORD ON A LINE, YOU CAN EASILY BRANCH OUT TO ADD OTHER RELATED WORDS.



NOTICE THAT WHEN YOU USE KEY WORDS YOU DON'T HAVE TO USE WORDS LIKE

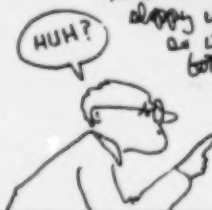


EXTENSIVE GLOBAL RESEARCH
INDICATES THAT MOST PEOPLE
CAN'T READ THEIR OWN NOTES.



THAT'S WHY MIND MAPS ARE
CLEARLY PRINTED

because if you start
to write too fast or
too small then it gets
so hard to read
that later you
don't really want to
take the time to
read all that
cluttered writing
as why did you even
bother to write down the
ideas in the first
place? and besides
it's frustrating to
try to read and
you think?



YOUR PRINTING WILL IMPROVE IF YOU PRACTICE THESE BASICS:

IIIIIIITTT OOOOCCCRRR SSSS

NOW COPY ABCDEGHJKMNOPRSUVXY

THE TIME FOR PRACTICE IS NOW. TAKE YOUR TIME.

A
B
C
R

NOW WRITE YOUR OWN SENTENCES BELOW ↓

Blank lines for writing practice.



**ALL YOU NEED
TO BEGIN MAPPING
IS A HANDFUL
OF COLORED
PENS, PENCILS
OR MARKERS.**



**THIS COMIC
AND A TOPIC.**

**THE TOPIC FOR YOUR
FIRST PRACTICE MAP
IS:**

**MY IDEAL ★
FUTURE ★**

BEGIN YOUR MAP WITH A CENTRAL
IMAGE. USE A PICTURE OR SYMBOL...
★
MAYBE A CALENDAR, A CRYSTAL BALL
OR A **MAGIC WAND**.

YOU MIGHT WANT TO ADD A NUMBER
OR DATE TO REPRESENT ONE YEAR
FROM NOW, FIVE YEARS FROM NOW,
OR MORE.

IMAGINE THAT
YOU HAVE A
MAGIC WAND
AND CAN CREATE
ANY FUTURE YOU WISH!



AFTER YOU DRAW A SYMBOL
IN THE CENTER OF THE PAGE,
RELAX AND LET THE IDEAS
COME TO YOU

RECORD EACH

USING A  WORD OR SYMBOL.

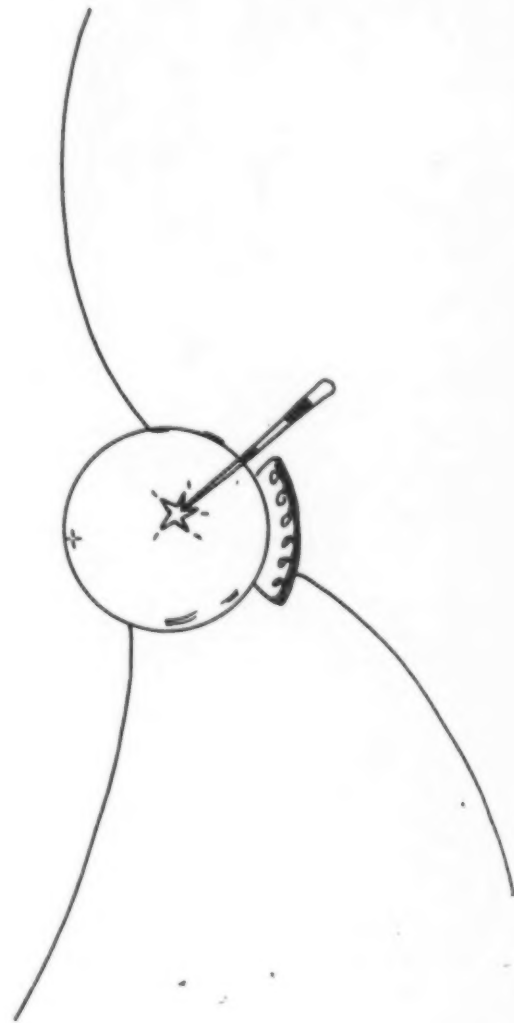
BRANCH OUT FROM THERE.

YOUR MAP WILL GROW AS YOU
ADD NEW IDEAS?



**DRAW YOUR MAP ON
THE NEXT PAGE OF** →
**THIS COMIC IF YOU WANT
TO USE THE CENTRAL
IMAGE PROVIDED.**

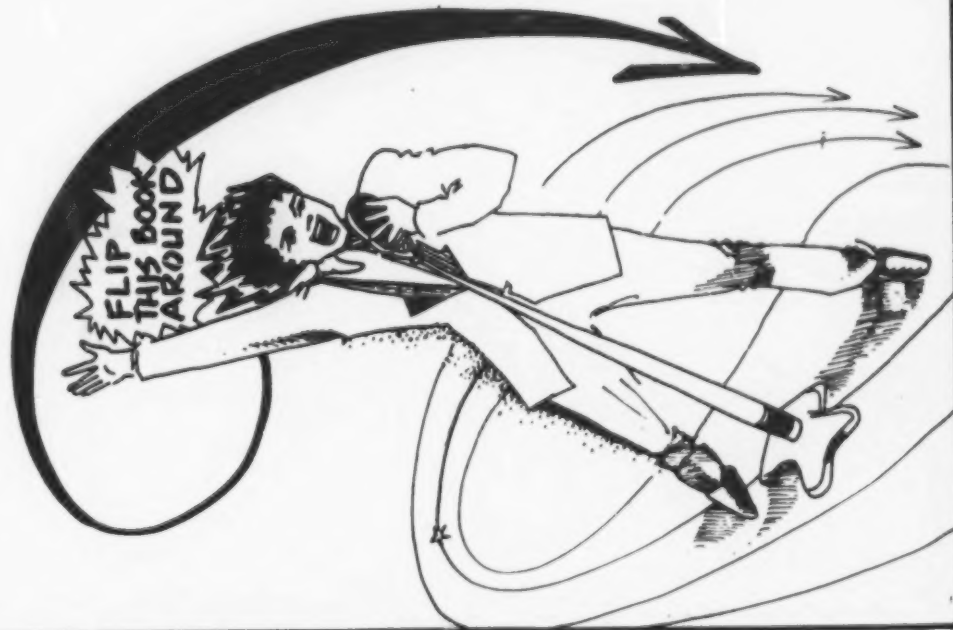
**-OR-
YOU CAN USE A LARGER
SHEET OF UNLINED PAPER.**

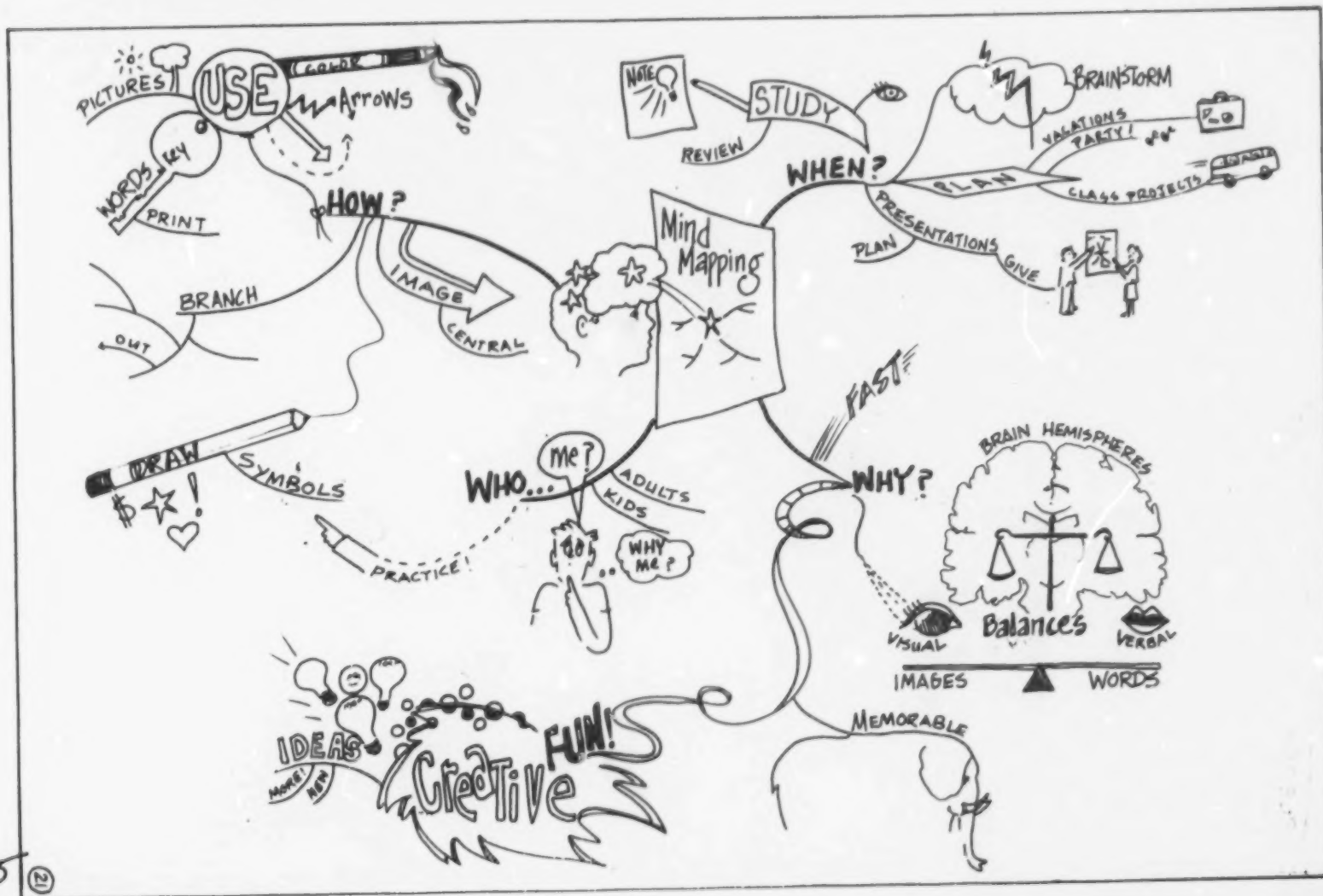


PLEASE NOTE
THAT THE SAMPLE
MIND MAP ON THE
NEXT PAGE IS ALL
ABOUT MIND MAPPING.

ALL THE INFORMATION
CONTAINED IN THIS
BOOK, SUMMARIZED
ON **ONE** PAGE...

ANSWERING ALL OF
LIFE'S IMPORTANT
QUESTIONS: **HOW, WHY,
WHEN AND WHY ME?**





ON THE NEXT THREE PAGES YOU WILL FIND:



- HOW MANY FACTS ABOUT THE CAHOKIA INDIANS CAN YOU READ FROM THIS MAP?

- WHAT IS YOUR GUESS AS TO WHY THEY VANISHED 500 YEARS AGO?

NOTICE THAT FULL SENTENCES OR QUOTES CAN BE INCLUDED AS A "NOTE" ON YOUR MAPS.

CAHOKIA WAS THE LARGEST CITY IN THE WORLD 1000 YEARS AGO. IT WAS BUILT ON A RIVER THAT FLOODED AND DROPPED.



- ADD TO THE MAP!

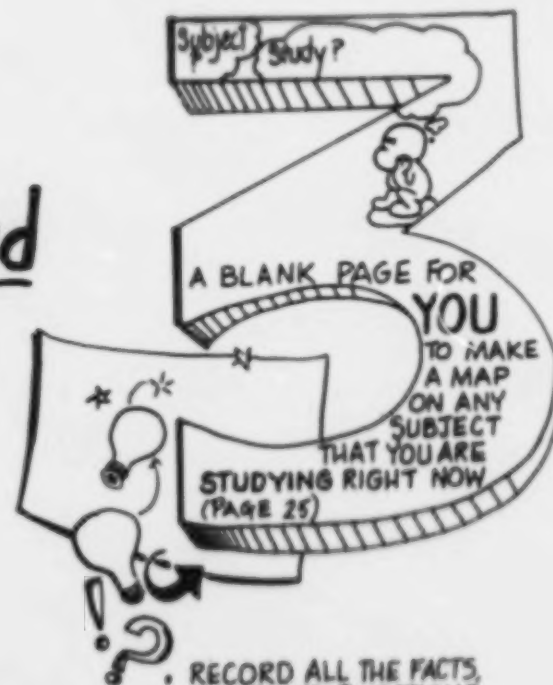
- SOME SYMBOLS FOR SPORTS

- THE WORD "GAMES" (PART OF ACTIVITIES)

- A NEW GUIDELINE THAT YOU THINK IS AN IMPORTANT RULE FOR A SUMMER CAMP

- FIND A WAY TO SHOW THE CONNECTION BETWEEN COMMITMENT AND GUIDELINES

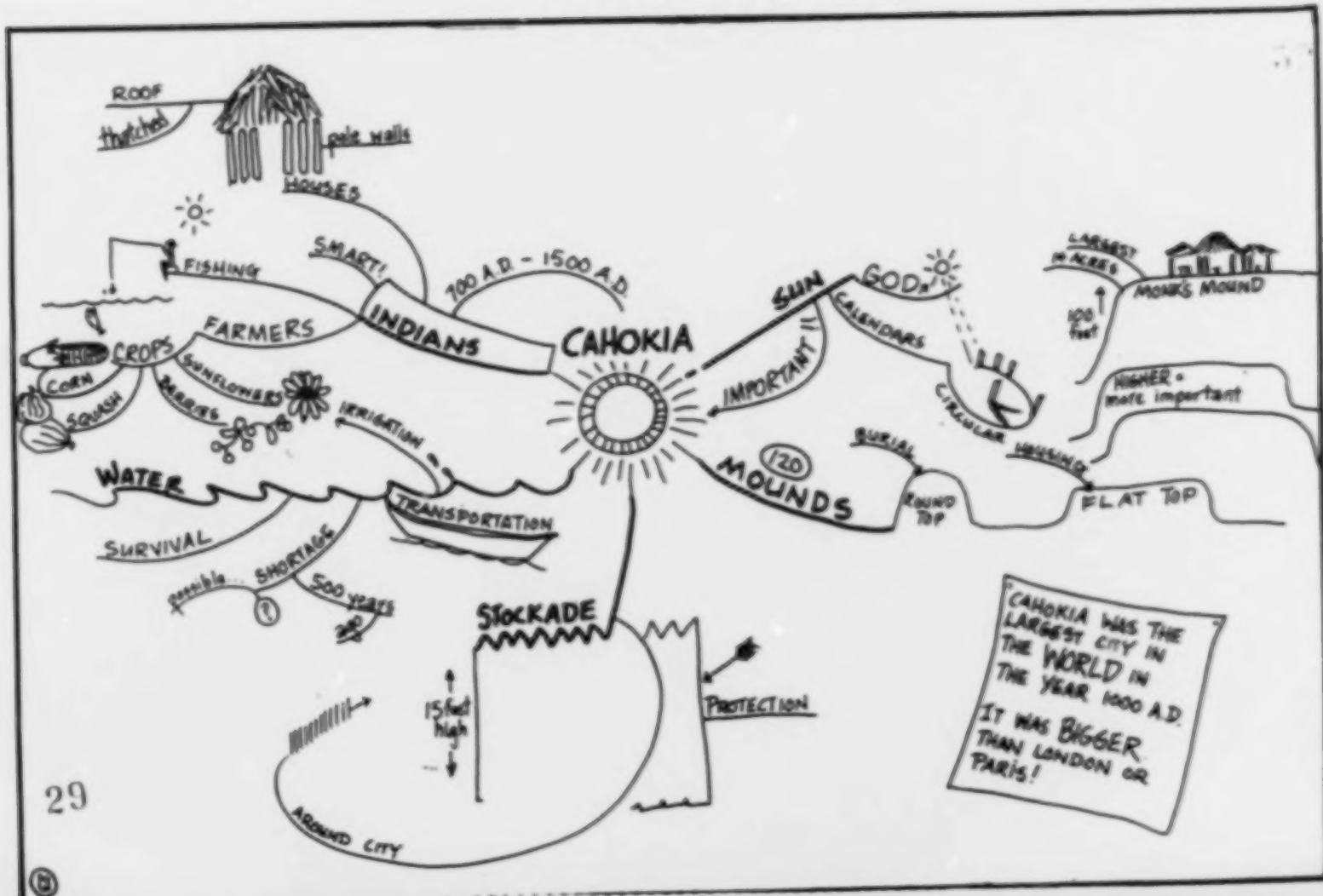
and

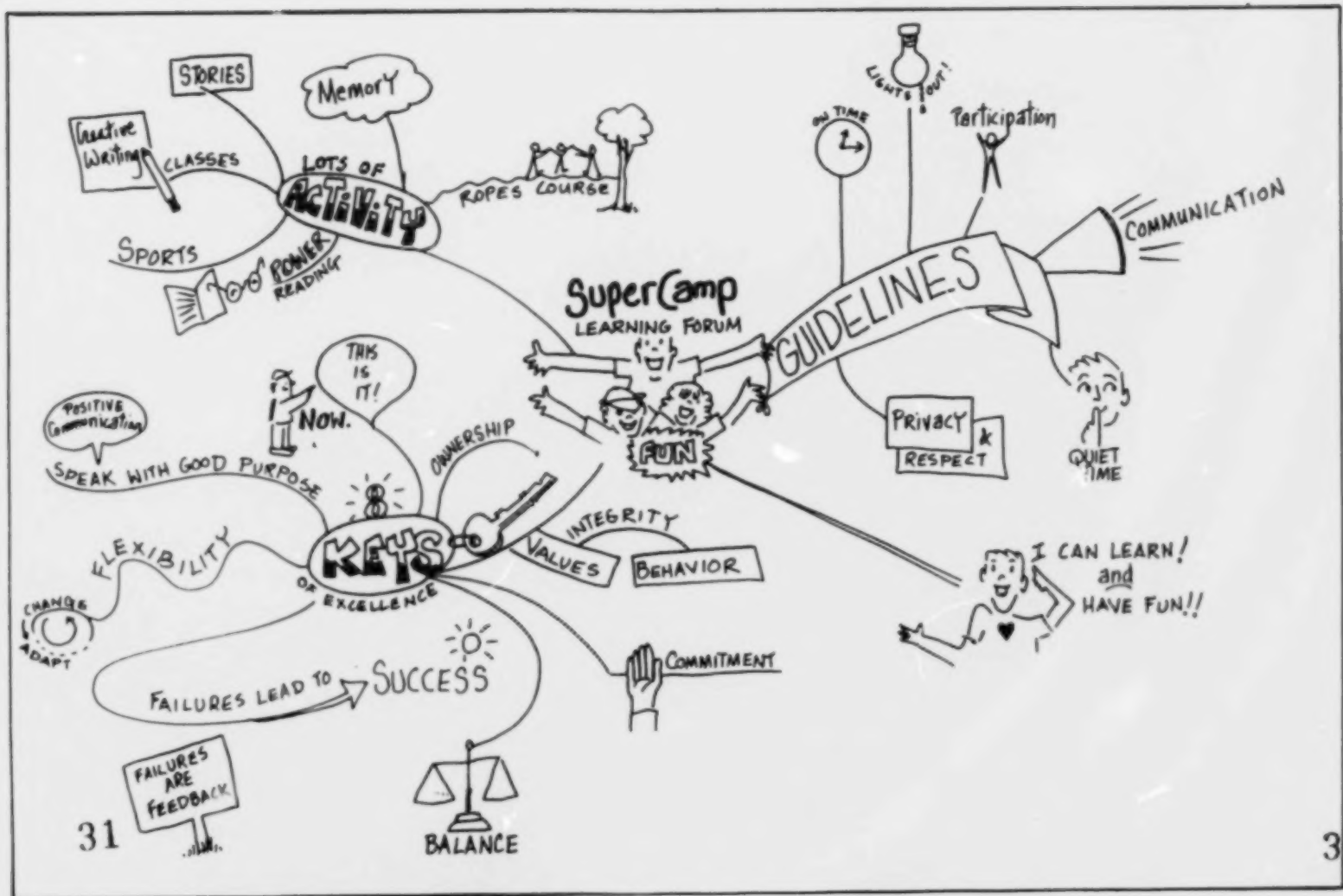


- RECORD ALL THE FACTS, IDEAS AND QUESTIONS THAT YOU CAN.

- USE ARROWS TO SHOW CONNECTIONS

- SHARE YOUR MAP WITH A PARTNER. SEE HOW MANY MORE FACTS THE TWO OF YOU CAN ADD TO THE MAP





YOUR MAP HERE:

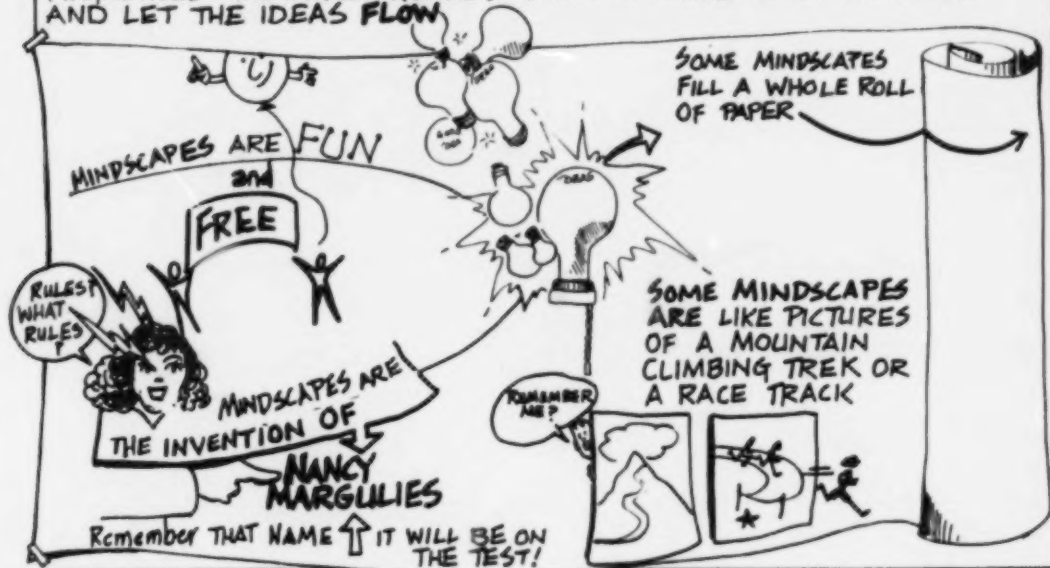


NO PROBLEM.

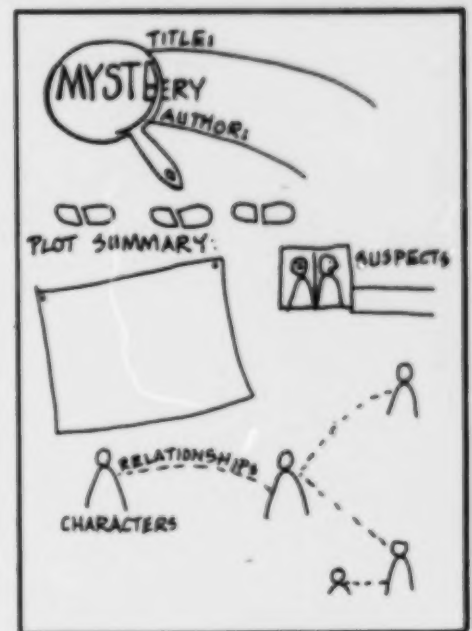
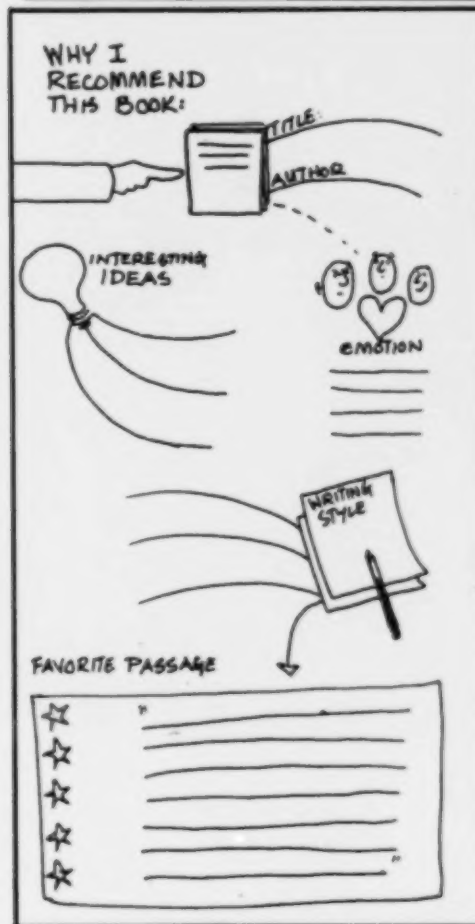
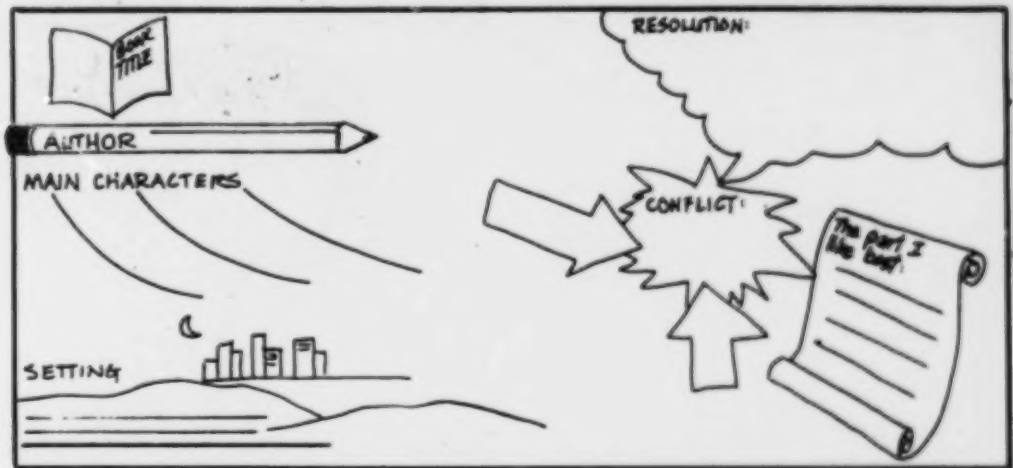
AFTER PRACTICING MIND MAPPING ^{TRY MAKING}

MINDSCAPES

A MINDSCAPE IS A FREE-FORM, "ANYTHING GOES" STYLE MAP. USE PICTURES, WORDS, PHRASES, SYMBOLS AND PHOTOS CUT FROM MAGAZINES—WHATEVER WORKS! START ANYWHERE ON THE PAPER AND LET THE IDEAS FLOW



YOU CAN **STUDY** USING MINDSCAPES. YOU CAN TAKE NOTES, REVIEW FOR TESTS OR PREPARE A **BOOK REPORT**. HERE ARE A FEW MINDSCAPE IDEAS FOR BOOK REPORTS:



YOUR MINDSCAPE HERE... RECORD IDEAS AND THOUGHTS ABOUT A FAVORITE BOOK...



NOW REMEMBER, FOLLOW THE RULES OF MIND MAPPING AND PRACTICE, PRACTICE PRACTICE!

- BEGIN WITH A CENTRAL IMAGE
- PUT ONE WORD ON EACH BRANCH.
- USE KEY WORDS, SYMBOLS, PICTURES AND CARTOONS
- CONTINUE TO BRANCH OUT AS YOU ADD NEW IDEAS TO THE MAP

PRACTICE MAKES PROGRESS.



AND ONCE YOU'VE BECOME COMFORTABLE WITH MAPPING YOUR MIND,

LET GO.

AND CREATE MINDSCAPES
THE RULES:

HAVE FUN.
SEE WHAT HAPPENS.

★ (THERE'S NO WRONG WAY TO MINDSCAPE)

RESOURCES

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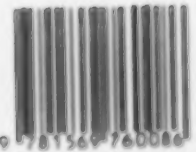
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